Design iGuzzini iGuzzini

Last information update: April 2024

Product configuration: Q439

Q439: Frame Angular Module - Down Office / Working UGR < 19 - Warm LED - DALI



Product code

Q439: Frame Angular Module - Down Office / Working UGR < 19 - Warm LED - DALI

Technical description

Angular element for Frame version profiles with contact frame; including a Warm LED module. Microprismatic screen for controlled luminance emission UGR < 19 - 3000 cd/m2 (working lighting); screen set up for connecting several lengths by overlapping. Built-in DALI dimmable control gear. Pass-through wiring for continuous lines:

Weight (Kg)

Installation

Recessed using the brackets on the profile.

Colour White (01)*

* Colours on request



ceiling recessed

Wiring

The angular profile is supplied with pass-through wiring for continuous lines. Quick coupling terminal blocks to simplify connections between the luminaires. LED module complete with integrated dimmable DALI control gear.



Take care when configuring the system; to complete a continuous line with an angular profile correctly, two initial modules are required, one for each side of the corner.

Complies with EN60598-1 and pertinent regulations













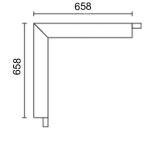


8









Technical data Im system: 1800 W system: 15.6 Im source: 1250 W source: 6.8 Luminous efficiency (lm/W, 115.4 real value): Im in emergency mode: Total light flux at or above 0 an angle of 90° [Lm]: Light Output Ratio (L.O.R.) 72 [%]: CRI (minimum): 80 Colour temperature [K]: 3000 MacAdam Step: Life Time LED 1: > 50,000h - L90 - B10 (Ta 25°C)

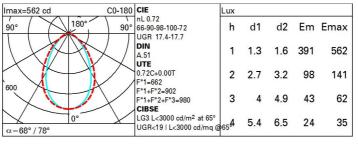
230 Voltage [Vin]: Lamp code: LED Number of lamps for optical 1 assembly: ZVEI Code: LED Number of optical 2 assemblies: See installation instructions Power factor: Inrush current: $18~A\,/\,250~\mu s$ Maximum number of B10A: 21 luminaires luminaires of this type per miniature circuit breaker: B16A: 34 luminaires C10A: 35 luminaires C16A: 57 luminaires Minimum dimming %:

Overvoltage protection: 2kV Common mode & 1kV

Differential mode

Control: DALI-2

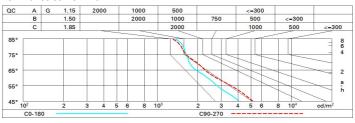
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	54	47	43	40	47	43	42	38	53
1.0	58	52	48	45	51	48	47	43	60
1.5	64	60	56	53	59	56	55	51	71
2.0	68	64	61	59	63	61	60	56	78
2.5	70	67	65	63	66	64	63	60	83
3.0	71	69	67	65	68	66	65	62	86
4.0	73	71	70	68	70	68	67	64	89
5.0	74	72	71	70	71	70	69	66	91

Luminance curve limit



Corre	ected UC	GR value:	at 125	Im bare	e lamp lu	eu oni mu	flux)				
Rifle	ct.:										
ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl. Room dim x y		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed				
							endwise				
2H	2H	15.1	16.1	15.4	16.3	16.6	16.2	17.2	16.5	17.4	17.
	ЗН	15.8	16.7	16.2	17.0	17.3	16.4	17.3	16.8	17.6	17.
	4H	16.2	17.0	16.5	17.3	17.6	16.5	17.3	16.8	17.6	17.
	бН	16.5	17.2	16.8	17.6	17.9	16.4	17.2	16.8	17.5	17.
	HS	16.6	17.3	17.0	17.6	18.0	16.4	17.1	16.8	17.5	17.
	12H	16.6	17.3	17.0	17.7	18.0	16.4	17.1	16.8	17.4	17.
4H	2H	15.5	16.4	15.9	16.7	17.0	17.1	17.9	17.4	18.2	18.
	ЗН	16.4	17.1	16.8	17.5	17.8	17.5	18.1	17.8	18.5	18.
	4H	16.8	17.5	17.3	17.8	18.2	17.6	18.2	18.0	18.6	19.
	6H	17.3	17.8	17.7	18.2	18.6	17.7	18.2	18.1	18.6	19.
	HS	17.4	17.9	17.8	18.3	18.8	17.7	18.2	18.1	18.6	19.
	12H	17.5	17.9	18.0	18.4	18.8	17.7	18.1	18.1	18.6	19.
8Н	4H	17.0	17.5	17.4	17.9	18.4	18.0	18.5	18.4	18.9	19.
	6H	17.5	18.0	18.0	18.4	18.9	18.2	18.6	18.7	19.0	19.
	HS	17.8	18.1	18.3	18.6	19.1	18.3	18.6	18.8	19.1	19.
	12H	17.9	18.2	18.4	18.7	19.3	18.3	18.6	18.8	19.1	19.
12H	4H	17.0	17.5	17.5	17.9	18.3	18.0	18.5	18.5	18.9	19.
	бН	17.6	17.9	18.1	18.4	18.9	18.3	18.6	18.8	19.1	19.
	H8	17.8	18.2	18.4	18.6	19.2	18.4	18.7	18.9	19.2	19.
Varia	tions wi	th the ob	serverp	osition	at spacin	g:					
S =	1.0H	0.4 / -0.5					0.3 / -0.4				
	1.5H	0.5 / -1.0					0.7 / -1.2				
	2.0H	1.1 / -1.4					1.6 / -1.6				